

U.S. ENVIRONMENTAL PROTECTION AGENCY  
 POLLUTION/SITUATION REPORT  
 Portage Creek Area - Removal Polrep  
 Final Removal Polrep

US EPA RECORDS CENTER REGION 5



467133



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 Region V**

**Subject:** **POLREP #43**  
**Final**  
**Portage Creek Area**  
**059B05**  
**Kalamazoo, MI**  
**Latitude: 42.2839750 Longitude: -85.5791570**

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**From:** Craig Thomas, On-Scene Coordinator  
**Date:** 7/14/2014  
**Reporting Period:** 3/28/2014 - 7/11/2014

**1. Introduction**

**1.1 Background**

<b>Site Number:</b>	059B05	<b>Contract Number:</b>	EP-S5-09-05
<b>D.O. Number:</b>	0087	<b>Action Memo Date:</b>	7/5/2011
<b>Response Authority:</b>	CERCLA	<b>Response Type:</b>	Time-Critical
<b>Response Lead:</b>	EPA	<b>Incident Category:</b>	Removal Action
<b>NPL Status:</b>	NPL	<b>Operable Unit:</b>	05
<b>Mobilization Date:</b>	9/26/2011	<b>Start Date:</b>	8/30/2011
<b>Demob Date:</b>	7/7/2014	<b>Completion Date:</b>	7/11/2014

<b>CERCLIS ID:</b>	MID006007306	<b>RCRIS ID:</b>	NA
<b>ERNS No.:</b>		<b>State Notification:</b>	Yes
<b>FPN#:</b>		<b>Reimbursable Account #:</b>	

**1.1.1 Incident Category**  
Fund-lead removal action

**1.1.2 Site Description**  
See POLREP #1

**1.1.2.1 Location**  
See POLREP #1

**1.1.2.2 Description of Threat**  
See POLREP #1

**1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results**  
See POLREP #1

## **2. Current Activities**

### **2.1 Operations Section**

#### **2.1.1 Narrative**

Additional restoration activities and asphalt repairs were completed in SA1A,B&C.

#### **2.1.2 Response Actions to Date**

From March 28, 2014 to July 11, 2014, EPA and ERRS contractors conducted the following activities:

##### Site Activities - John Street Staging Area

- Recontoured former staging area and loaded out 1094.01 tons of non-TSCA contaminated sediments for transport and disposal at an approved landfill facility;

##### Site Activities - SA1A&B

- Removed soils from SA1A work area (Grid 7) for transport and disposal as non-TSCA contaminated sediments at an approved landfill facility;
- Conducted additional soil removal/grading activities in SA1A work area as needed;
- Applied seed/fertilizer mixture in areas around restoration plantings and concrete/asphalt repairs;
- Installed erosion control blanket in areas where soil removal/grading/seed/straw applied;
- Repaired sprinkler system at Rose Park on June 30, 2014;
- Removed and repaired (where necessary) silt fence along creek banks; and
- Conducted additional restoration plantings as requested by property owner(s), the last of which was completed on July 7, 2014, and;
- Conducted invasive species control activities in SA1A on July 11, 2014

##### Site Activities - SA1C

- Completed additional asphalt repairs at entrance off E. Michigan Avenue.

### Project Management Activities

- Met with remaining individual property owners affected by project to discuss and obtain signatures on close-out document (signed letters obtained from all property owners);
- Replaced impacted 2012 and 2013 restoration plantings;
- Drafted Pre-and Post-Construction sampling report for close out of the SESC permit.
- Continue review and development of project final report.

### **2.1.3 Enforcement Activities, Identity of Potentially Responsible Parties (PRPs)**

See POLREP #1

### **2.1.4 Progress Metrics**

<b>Waste Stream</b>	<b>Medium</b>	<b>Quantity</b>	<b>Manifest #</b>	<b>Treatment</b>	<b>Disposal</b>
non-TSCA contaminated sediments	solidified sediment (soil)	1094.01 tons	NTSCA-442- NTSCA-445; NTSCA-448 - NTSCA-466	disposal	C&C Landfill, Marshall, MI

Regional Metrics		
This is an Integrated River Assessment. The numbers should overlap.	Miles of river systems cleaned and/or restored	1.8 miles
	Cubic yards of contaminated sediments removed and/or capped	24,500 cubic yards
	Gallons of oil/water recovered	N/A
	Acres of soil/sediment cleaned up in floodplains and riverbanks	21.82
Stand Alone Assessment	Number of contaminated residential yards cleaned up	0
	Number of workers on site	17
Contaminant(s) of Concern	Polychlorinated Biphenyls	
Oil response Tracking		
Estimated volume	Initial amount released	N/A
	Final amount collected	N/A
CANAPS Info	FPN Ceiling Amount	N/A
	FPN Number	N/A

Body of Water affected		N/A
<b>Administrative and Logistical Factors (Check X where applicable)</b>		
Precedent-Setting HQ Consultations (e.g., fracking, asbestos)	<input checked="" type="checkbox"/> Community challenges or high involvement	Radiological
<input checked="" type="checkbox"/> More than one PRP	<input checked="" type="checkbox"/> Endangered Species Act / Essential Fish Habitat issues	Explosives
AOC	Historic preservation issues	<input checked="" type="checkbox"/> Residential impacts
UAO	<input checked="" type="checkbox"/> NPL site	Relocation
DOJ involved	Remote location	Drinking water impacted
Criminal Investigation Division involved	<input checked="" type="checkbox"/> Extreme weather or abnormal field season	Environmental justice
Tribal consultation or coordination or other issues	Congressional involvement	<input checked="" type="checkbox"/> High media interest
<input checked="" type="checkbox"/> Statutory Exemption for \$2 Million	<input checked="" type="checkbox"/> Statutory Exemption for 1 Year	Active fire present
<input checked="" type="checkbox"/> Hazmat Entry Conducted – Level A, B or C	Incident or Unified Command established	Actual air release (not threatened)

Note: This removal action included on-site treatment and discharge of 1,120,456 gallons of potentially PCB-impacted contact water. An additional 98,000 gallons of contact water were sent off-site for treatment, resulting in a total of 1,218,456 gallons of contact water being addressed by this removal action.

## 2.2 Planning Section

The only removal activities anticipated to take place after this Final POLREP reporting period include the following:

### Project Management Activities

- Complete project final report.
- Complete Pre- and Post-Construction sampling report.
- Work to finalize costs and close out project contracts.

### 2.2.1 Anticipated Activities

See above

#### 2.2.1.1 Planned Response Activities

None

#### 2.2.1.2 Next Steps

None

### 2.2.2 Issues

None

### 2.3 Logistics Section

The resources present on site during this reporting period include:

- ERRS contractors
- ERRS sub-contractor work crews (restoration plantings, asphalt repair, irrigation repair)
- 1 Skid Steer
- 1 Skid Broom attachment
- 1 Long Reach Excavator
- 1 Excavator
- 1 Storage Trailer
- 1 Porta-John

### 2.4 Finance Section

#### 2.4.1 Narrative

Note: \$2,400,000.00 was deobligated from this project during this reporting period.

#### Estimated Costs \*

	Budgeted	Total To Date	Remaining	% Remaining
<b>Extramural Costs</b>				
ERRS - Cleanup Contractor	\$10,900,000.00	\$10,749,900.63	\$150,099.37	1.38%
TAT/START	\$700,000.00	\$588,372.00	\$111,628.00	15.95%
<b>Intramural Costs</b>				
<b>Total Site Costs</b>	<b>\$11,600,000.00</b>	<b>\$11,338,272.63</b>	<b>\$261,727.37</b>	<b>2.26%</b>

\* The above accounting of expenditures is an estimate based on figures known to the OSC at the time this report was written. The OSC does not necessarily receive specific figures on final payments made to any contractor(s). Other financial data which the OSC must rely upon may not be entirely up-to-date. The cost accounting provided in this report does not necessarily represent an exact monetary figure which the government may include in any claim for cost recovery.

### 2.5 Other Command Staff

#### 2.5.1 Safety Officer

Craig Thomas serves as the safety officer. The HASP is reviewed and signed by all site personnel. All new personnel, including sub-contractors, are provided a site orientation and safety briefing.

## **2.6 Liaison Officer**

Craig Thomas serves as liaison with local officials and interested parties.

## **2.7 Information Officer**

See Section 2.6

### **2.7.1 Public Information Officer**

See Section 2.6

### **2.7.2 Community Involvement Coordinator**

None

## **3. Participating Entities**

### **3.1 Unified Command**

N/A

### **3.2 Cooperating Agencies**

U.S. Environmental Protection Agency

Michigan Department of Environmental Quality

Michigan Department of Agriculture and Rural Development

Michigan Department of Natural Resources

U.S. Fish and Wildlife Service

City of Kalamazoo:

Department of Public Services

Parks and Recreation Department

Economic Development Department

Community Planning & Development

Public Safety Department

Fire Department

Police Department

Redevelopment Department

Bronson Methodist Hospital

Kalamazoo Nature Center

## **4. Personnel On Site**

U.S. EPA - 2

ERRS contractor (Environmental Quality Management, Inc) - 7

ERRS subcontractor (restoration plantings & plantings inspectors) - 5

ERRS subcontractor (asphalt repair) - 6

ERRS subcontractor (irrigation repair) - 2

TOTAL PERSONNEL = 22

## **5. Definition of Terms**

ERRS - Emergency and Rapid Response Services  
FOSC - Federal On Scene Coordinator  
HASP - Health and Safety Plan  
mg/kg - milligrams per kilogram  
mg/m<sup>3</sup> - milligrams per cubic meter  
MDEQ - Michigan Department of Environmental Quality  
NPL - National Priorities List  
PCB - polychlorinated biphenyl  
ppm - parts per million  
SA - Slope Area  
START - Superfund Technical Assessment and Response Team  
U.S. EPA - United States Environmental Protection Agency

## **6. Additional sources of information**

### **6.1 Internet location of additional information/report**

See the project website at <http://www.epaosc.org/portagecreekarea>.

### **6.2 Reporting Schedule**

This is the Final POLREP. No further POLREPs will be generated.

## **7. Situational Reference Materials**

See the project website at <http://www.epaosc.org/portagecreekarea>.

Additional information on the overall Kalamazoo River Project can be found at <http://www.epa.gov/Region5/cleanup/kalproject/index.htm>.











